

H-LaK53A			755523			n _d = 1.755000		ν _d = 52.32		n _F - n _C = 0.014430	
						n _e = 1.758439		ν _e = 52.08		n _{F'} - n _{C'} = 0.014562	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ				
	λ (nm)		P _{s,t}	0.2761	P' _{s,t}	0.2736	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.714087	P _{C,s}	0.5329	P' _{C',s}	0.5758	2400	0.810	0.650		
n _{1970.09}	1970.09	1.721691	P _{d,C}	0.3030	P' _{d,C'}	0.2526	2200	0.947	0.898		
n _{1529.58}	1529.58	1.729702	P _{e,d}	0.2383	P' _{e,d}	0.2362	2000	0.981	0.963		
n _{1060.0}	1060.0	1.737999	P _{g,F}	0.5479	P' _{g,F'}	0.4861	1800	0.995	0.990		
n _t	1013.98	1.738953	P _{i,h}	0.7827	P' _{i,h}	0.7756	1600	0.999	0.998		
n _s	852.11	1.742937	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.748145					ΔP _{C,t}	0.0162	ΔP _{C,s}	0.0075	1200
n _C	656.27	1.750627	ΔP _{F,e}	-0.0025	ΔP _{g,F}	-0.0087	1060	0.999	0.998		
n _{C'}	643.85	1.751322	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.751972					λ ₈₀ /λ _s	370/280		950	0.999
n _D	589.29	1.754872	λ ₇₀ /λ _s			900	0.999	0.998			
n _d	587.56	1.755000	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.758439					T _g (°C)	685		800	0.998
n _F	486.13	1.765057	T _s (°C)	710		700	0.998	0.997			
n _{F'}	479.99	1.765884	T ₁₀ ^{14.5} (°C)	645		650	0.998	0.996			
n _g	435.83	1.772963	T ₁₀ ¹³ (°C)	671		600	0.997	0.995			
n _h	404.66	1.779554	T ₁₀ ^{7.6} (°C)			550	0.997	0.995			
n _i	365.01	1.790848	α _{30/70°C} (10 ⁻⁷ /K)	61		500	0.996	0.993			
n _{313.18}	313.18	1.814059	α _{100/300°C} (10 ⁻⁷ /K)	72		480	0.995	0.991			
n _{302.15}	302.15	1.821004	λ[W/(m·K)]	0.710		460	0.993	0.987			
色散公式常数 Constants of Dispersion Formula			c _p [J/(g·K)]	0.458		440	0.992	0.984			
			化学性质 Chemical Properties				Grade	330	0.989	0.978	
K ₁	1.21007394E+00	Grade					400	0.981	0.962		
L ₁	5.21679919E-03					D _w	1		390	0.973	0.946
K ₂	1.19495815E+00	D _A	6		380	0.959	0.919				
L ₂	8.35557501E+01	CR			370	0.935	0.874				
K ₃	8.06533246E-01	RC(S)	1		360	0.890	0.800				
L ₃	2.00803500E-02	RA(S)	3		350	0.840	0.700				
折射率温度系数常数 Constants of dn/dt			Grade				340	0.750	0.570		
							D ₀	1.86E-06		330	0.650
D ₁	1.36E-08		机械性质 Mechanical Properties				320	0.530	0.280		
D ₂	-2.33E-11						H _K (10 ⁷ Pa)	729		310	0.360
E ₀	5.16E-07		F _A	114		E (10 ⁷ Pa)	10663				
E ₁	5.98E-10		G (10 ⁷ Pa)	4142		μ	0.287				
λ _{TK} (μm)	0.185		B (10 ⁻¹² /Pa)			其他性质 Other Properties					
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)								ρ (g/cm ³)
			温度范围 (°C)							备注 Remarks	
Range of Temperature	t	C'	d	e	F'	g					
-60~-40	2.8	3.2	3.4	3.4	3.8	4.3					
-40~-20	2.8	3.3	3.5	3.6	3.9	4.6					
-20~0	2.8	3.5	3.6	3.8	4.0	4.6					
0~20	3.0	3.4	3.7	3.9	4.2	4.7					
20~40	3.0	3.6	3.8	4.0	4.3	4.9					
40~60	3.2	3.8	3.9	4.1	4.7	5.3					
60~80	3.3	3.8	3.9	4.3	4.8	5.3					
80~100	3.4	4.1	4.2	4.5	5.1	5.4					
100~120	3.4	4.2	4.3	4.5	5.2	5.4					
120~140	3.6	4.3	4.7	4.8	5.3	5.6					